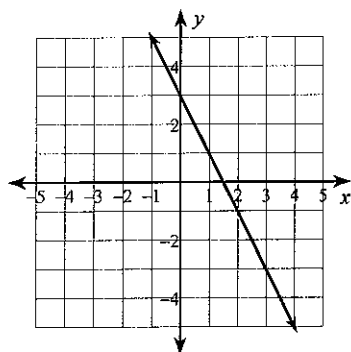


HW - Linear Equations - Perpendicular

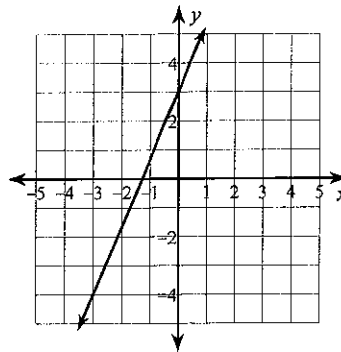
Date _____

Write the slope-intercept form of the equation of each line.

1)



2)

**Write the slope-intercept form of the equation of the line through the given point with the given slope.**

3) through: $(-3, -5)$, slope $= -\frac{5}{2}$

4) through: $(-1, -4)$, slope $= 4$

Write the slope-intercept form of the equation of the line through the given points.

5) through: $(-2, -2)$ and $(5, 5)$

Write the slope-intercept form of the equation of the line described.

6) through: $(-5, 0)$, parallel to $y = \frac{2}{5}x + 4$

7) through: $(4, 4)$, perp. to $y = -x + 3$

8) through: $(3, 2)$, perp. to $y = x + 3$

9) through: $(-6, -3)$, perp. to $y = -\frac{3}{2}x$

10) through: $(-5, 0)$, perp. to $y = -x - 3$